

October 20
1892
Vol. XII. & No. 3

“One Hundred Health Hints.”

Written by Prof. ROBERT J. ROBERTS, the originator of the famous “Roberts Dumb-bell Drill.”

A copy of this little volume will be presented to young men visiting the Gymnasium of the Boston Young Men's Christian Association, cor. Berkeley and Boylston Streets. Open every week day from 8 A. M. to 10 P. M.

JAMES L. GORDON,
General Secretary.

GEO. ALLEN, JR.,
Secretary Main Department.

ONLY \$3 TO NEW YORK (For first-class limited tickets), **Via Fall River Line.**

Reduction to all points beyond New York. Steamers PILGRIM and PROVIDENCE in commission.

Pullman Vestibuled Express Trains, composed of parlor cars and regular passenger coaches, leave Park Sq. Station, Boston, week days at 6, Sundays, 7 P. M., running through to steamer at Fall River in eighty minutes. Due New York, 7.30 A. M. Annex Boat connection between Pier 28, N. R., and Jersey City and Brooklyn on arrival.

SPLENDID ORCHESTRA ON EACH STEAMER. Baggage checked from hotel or residence in Boston to destination. Tickets, staterooms and berths secured at 3 Old State House, cor. Washington and State Streets, and at Park Square Station Old Colony Railroad. J. B. KENDRICK, General Manager. GEO. L. CONNOR, General Passenger Agent.

L. H. PALMER, Agent, 3 OLD STATE HOUSE, BOSTON.

C. F. HOVEY & CO.,

DEALERS IN

Gentlemen's Furnishing Goods,

33 SUMMER STREET, BOSTON.

GENERAL ELECTRIC COMPANY.

EDISON AND THOMSON-HOUSTON SYSTEMS.

Electric Lighting. Electric Power. Electric Railways.

SEND FOR OUR CATALOGUES

BRANCH OFFICES:

620 Atlantic Avenue, Boston, Mass.

42 Broad Street, New York.

173, 175 Adams Street, Chicago, Ill.

509 Arch Street, Philadelphia, Penn.

264 West Fourth Street, Cincinnati, O.

401-407 Sibley Street, St. Paul, Minn.

Gould Building, Atlanta, Ga.

Masonic Temple, Denver, Col.

15 First Street, San Francisco, Cal.

YOUNG

MEN'S

SHOES

OF EVERY DESCRIPTION.

Fashionable, Durable, and Moderate in Price.

Co-operative discount to students of Tech.

Thayer, McNeil & Hodgkins,

47 TEMPLE PLACE, - - - BOSTON.

SPECIAL NOTICE.

TECHNOLOGY STUDENTS

Will find a Complete Stock of our

Celebrated **CRAWFORD SHOE,**

. . . At Our . . .

NEW CRAWFORD SHOE STORE,

20, 22 and 24 Park Square, and 182 Boylston Street,

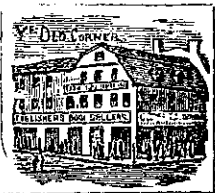
Or at Our Stores,

611 WASHINGTON ST., UNDER UNITED STATES HOTEL, 45 GREEN ST., 225 WASHINGTON ST., 56 MAIN ST., Charlestown Dist
(Over Barnaby) Opp. Globe Theatre. Cor. Kingston and Beach Sts. Near Bowdoin Sq. Next door to Thompson's Spa. Nearly Opp. Post-Office.

In addition to our FRENCH WELT and HAND-SEWED SHOES, we make TO ORDER by hand for \$6—in FRENCH CALF, PATENT LEATHER, or KANGAROO—any style of shoe you may desire, guaranteed to suit. We do not wish any party ordering a pair made to accept them unless *entirely* satisfactory.

BOUVÉ, CRAWFORD & CO., CORP.

Maker of the Crawford Shoe and Proprietor of the Twenty Crawford Shoe Stores.



BOOK BINDING

IN EVERY STYLE.

ALEX. MOORE, 3 School Street, BOSTON.

HOMeward BOUND.

BY SEA AND RAIL.

The Norfolk Route.

The palatial steamships of the Norfolk Route ply semi-weekly and direct between

BOSTON, NORFOLK AND BALTIMORE,

Sailing from Central Wharf, Boston,

Every Tuesday, Thursday and Saturday, at 2 o'clock P. M.

Connecting with Rail and Water Routes for Washington, D. C., the South, Southwest, and Pacific Slope.

You are respectfully invited to inspect our steamers, and see for yourself the accommodations offered.

C. P. GAITHER,

Soliciting Agent,

290 Washington St.,

BOSTON, MASS.

A. M. GRAHAM,

Agent,

Central Wharf.

ALL RAIL.

The Shenandoah Valley Route.

The Shenandoah Valley Route connects with all lines from Boston to New York, and thence is via the world-renowned Pennsylvania Railroad, or picturesque Baltimore & Ohio, passing through Philadelphia, Harrisburg, Hagerstown, Antietam Battlefield, Old Charlestown, made famous as the place where John Brown was executed, or Washington, Shenandoah Junction, the wonderful Caverns of Luray, the historic Natural Bridge, on to Roanoke and the magic cities of the New South, Bristol, Knoxville, Chattanooga, Nashville, Decatur, Florence, Sheffield, Corinth, Grand Junction, Memphis, Little Rock, and Texas.

Kansas City, Colorado, Utah, and the Pacific Coast.

Chattanooga, Fort Payne, Birmingham, Meridian, Vicksburg, Shreveport, Texas,—Cleveland, Tennessee, Dalton, Rome, Anniston, Calera, Selma, Montgomery, Mobile, New Orleans, Old and New Mexico, and the Pacific Coast.

Atlanta, Macon, Jesup, Brunswick and Florida.

Through Pullman Car service from New York, Washington and Norfolk, to Roanoke, Louisville, Knoxville, Chattanooga, Nashville, Memphis, Birmingham, New Orleans,

C. P. GAITHER, N. E. Agt., 290 Washington St., Boston.

PRIEST'S

DINING ROOMS.

.100 and 102 DARTMOUTH STREET.
371 and 373 COLUMBUS AVE.

Mr. HALE'S SCHOOL FOR BOYS, 5 Otis Place, Boston.

Prepares for the Institute of Technology
and for Harvard College.

Inquire of the former pupils of the school
who are now in the Institute in regard to
the preparation given.

ye
Holland
Studios
No 611
Washington Street
Boston

ARTISTIC
PHOTOGRAPHY.

CRAYONS.

WATER COLORS.

PASTELLES.

Take Elevator.

Easy of Access.

Centrally Located.

Occupying the large and commodious rooms com-
prising the entire top floor of the building at 611 Wash-
ington Street, opposite the Globe Theatre, where we have
the largest and best northern light in the city of Boston.

At the new studio we have every facility for sustain-
ing our reputation as excelling in "group pictures."

THE UNION GYMNASIUM 48 BOYLSTON ST. BOSTON.

SEASON OF 1892-93.

The Union Gymnasium opens October 10th,
after extensive repairs and additions.

Latest Sanitary Plumbing.

Entirely new and **improved bathing facilities** and **new apparatus**, part of
which has never before been introduced into any
gymnasium, making it the most **completely equipped** and largest gymnasium in Boston.
It is above the street level and open to light and
air on every side.

Cards with full particulars may be had upon
application.

TERMS.

Including the Union Membership (One Dollar), and en-
titled to all its privileges.

For One Year, use of Gymnasium after 7.00 P. M., and on holidays for such time as it may be open,	\$5.00
For One Year, use of Gymnasium at all times when open	\$8.00
Keys, to be refunded on return of same	.50

JAMES W. MONTGOMERY	Supt.
GERMAN F. HOFFMAN	Asst. Supt.
EDWARD O. OTIS, M.D., (Harv.)	Medical Director.

GEORGE PEIRCE, Sec'y.

WM. H. BALDWIN, Pres.

BE SURE TO SUBSCRIBE

EARLY THIS TERM

TO THE

WEEKLY TECH.

L. P. HOLLANDER & CO.

NEW · AND · CORRECT · STYLES · FOR · FALL · AND · WINTER.

Merchant Tailors. Fine Ready-Made Clothing.

HIGH-CLASS · FURNISHING · GOODS. ENGLISH · AND · AMERICAN · HATS · AND · CAPS.

Best Goods at Very Reasonable Prices.

202-212 BOYLSTON STREET and PARK SQUARE, BOSTON.

DRAFTING INSTRUMENTS

DRAWING AND
BLUE PROCESS
PAPERS

Selected with especial reference to the requirements of Students of the Institute.

Scales, Triangles, Curves, T Squares, Etc.

WADSWORTH, HOWLAND & CO.,

82 AND 84 WASHINGTON STREET, BOSTON.

SPECIAL RATES TO STUDENTS.

267 STATE STREET, CHICAGO.

SPECIAL RATES TO STUDENTS!

F. J. KALDENBERG CO.,

MANUFACTURER OF

**Meerschaum and French Briar Pipes, Cigar and Cigarette Holders,
AND AMBER GOODS.**

Walking Sticks, mounted in Gold, Silver, Ivory and Buckhorn.

CLASS CANES,

Made and Mounted after any Design.

PIPES BOILED, REPAIRED, AND MOUNTED IN GOLD AND SILVER.

Repair Work and Engraving done on the premises.

338 WASHINGTON STREET.

<p>ELECTRIC MOTORS . . FOR . . ALL POWER PURPOSES. <hr/> ELECTRIC Hoisting Apparatus.</p>	<p>Thomson-Houston Motor Co., 620 Atlantic Ave., BOSTON, - MASS.</p>	<p>THE ONLY Practical & Successful Systems . . OF . . Electric Tramways . . ARE THE . . EDISON AND THOMSON-HOUSTON.</p>
---	---	--

DANCING.

WALKER'S PRIVATE ACADEMY,
No. 24 DWIGHT STREET,

 Evening Classes from Oct. 1st to May 1st.
 Private Lessons daily from 10 to 6.
 ☞ Please call or write.

Drawing Boards, Papers,
Inks, Pens, Instruments, and Fountain Pens
At Discounted Rates.

A. D. MACLACHLAN,
 Tech. Co-operative Store,
 214 Clarendon St., - - Boston, Mass.

The Electrical Engineer.

A Weekly Review of Theoretical and Applied Electricity.

ARE YOU a **STUDENT**, an **ELECTRICAL ENGINEER**, an **ELECTRICAL EXPERT**, or in any way interested in Electricity? In any case you will find **THE ELECTRICAL ENGINEER** an interesting and useful weekly visitor. It is the oldest general electrical journal in America, and the leader in technical excellence and enterprise.

THE ELECTRICAL ENGINEER is in magazine form, convenient for reading, preservation and binding, and is amply and artistically illustrated. It is always up to date with electrical progress. Subscription, \$3.00 per year.

Address

The Electrical Engineer,

203 Broadway, New York.

Subscriptions received at special student rates by the Editors of "The Tech."

THIS SPACE FOR SALE.

FOR TERMS APPLY TO

CHARLES R. KNAPP, Business Manager.

New Pictures.

Etchings, Engravings, Photographs, just received from the best American, English, French, and German publishers.

The largest and finest stock to select from in New England,—and prices satisfactory.

Special attention to Artistic Framing.

WILLIAMS & EVERETT,
190 Boylston Street, - - Boston.



J. C. LITTLEFIELD,
Tailor and Outfitter,
21, 23 BEACON ST., BOSTON.

Exclusive Styles for Young Men.

DRESS SUITS A SPECIALTY.
DISCOUNT TO STUDENTS.

FROST & ADAMS, — Importers of — **DRAWING INSTRUMENTS**

AND
Supplies for Students, Architects, and Engineers.

SEND FOR ILLUSTRATED CATALOGUE.

No. 37 Cornhill, Boston.

LIBERAL DISCOUNT TO M. I. T. STUDENTS.



"TECH" SPECIAL.

WE ARE

TAILORS TO THE TECH CO-OPERATIVE SOCIETY.

EXCLUSIVE LONDO STYLES

For students' wear our specialty, with prices moderate.
Inspection solicited.

All goods warranted for excellence of make and superiority of colors.

MESSINGER BROTHERS & JONES

TAILORS AND IMPORTERS,

No. 388 Washington Street, Boston.

The Tech.

VOL. XII.

BOSTON, OCTOBER 20, 1892.

NO. 3.

THE TECH.

Published every Thursday, during the college year, by the students of the Massachusetts Institute of Technology.

BOARD OF EDITORS.

HARRY LAWSON RICE, '93, *Editor-in-Chief.*

FREDERICK HOPPIN HOWLAND, '93.

ALBERT FARWELL BEMIS, '93.

FREDERIC WAIT LORD, '93.

JAMES RAMSEY SPEER, '93.

HAROLD ANTHONY RICHMOND, '93.

BEN EDWIN HOLDEN, '94.

RAYMOND BEACH PRICE, '94.

ANDREW DANIEL FULLER, '95.

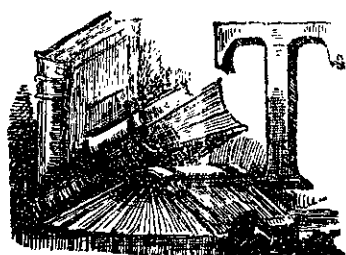
JAMES RAMSEY SPEER, '93, *Secretary.*

CHARLES REAY KNAPP, '94, *Business Manager.*

CHARLES ROYCE BOSS, '93, *Assistant Business Manager.*

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



THE '94 editors have picked up the "Technique" ax dropped by '93, and the grind has now begun in earnest. With the experience of the past to "turn

the crank," and proper management, backed by the Institute at large, to direct the grinding, there would seem to be no reason why the coming annual should not be able to chop its way to the head of "Techniques." Perhaps it would be well at this early date to inform the Freshmen just what "Technique" is.

Every year ten or a dozen men are elected, in one way or another (generally "another," however), by the Sophomore Class, as an Editorial Board. To them is confided the collection and compounding of all that appears in book form during the Junior year as "Technique." This volume contains everything of

interest to the student world—class histories, fraternity matter, accounts of athletic meetings, various Institute and collegiate records, football and baseball statistics, course histories, register of students, descriptions of all social, musical, and literary organizations, and grinds—all interspersed with appropriate sketches and full-page cuts. Thus "Technique" is a large book, and is produced at great expense; but unless supported by the students as a whole, it must be a dismal failure. No fifteen men in the Institute can, alone and unaided, successfully edit such a book as this Junior Annual should be. They could not possibly produce a book representing the whole college. Failing in this, what does "Technique" amount to? Its very existence depends upon the removal of all class obstacles,—the suppression of that feeling which makes a man say, "Now, I have a good grind here, but I'm not going to give it to '94, and let them get the benefit of it in their 'Technique.'" This is a false idea of what the book is,—not a class, not a society publication, but an Institute periodical, in charge of each Junior Class in succession. Institute men understand what this means. It means that each and every one of you should do your utmost to extend the fame of Technology; to let outsiders know that we have some life, some sociability, some athletics; that we are not shut up here for the mere purpose of coming forth as Engineers, Chemists, Architects; that we know how to develop ourselves on the social side, the literary side. To do this, let every man of you put aside that class hesitation, and contribute your grind, your sketch, your poem. "Technique" is an annual that even now, in the eighth year of its existence, can put many, in fact most, college annuals in the shade. We have the opportunities;

our Architectural Department and Department of General Studies should be able to contribute sketches and poems equal to those of any college.

Several of the editors of last year have very kindly volunteered their assistance to the present Board. Mr. E. B. Bird, whose artistic ability is so well known to the majority of Tech. men, is doing all in his power to aid the artists. Now it only remains for THE TECH to urge the hearty co-operation of every man. Watch the "Technique" bulletin in the Rogers corridor, try to win some of the prizes offered by the Board, and we will guarantee a "Technique" of which all may justly be proud.

COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

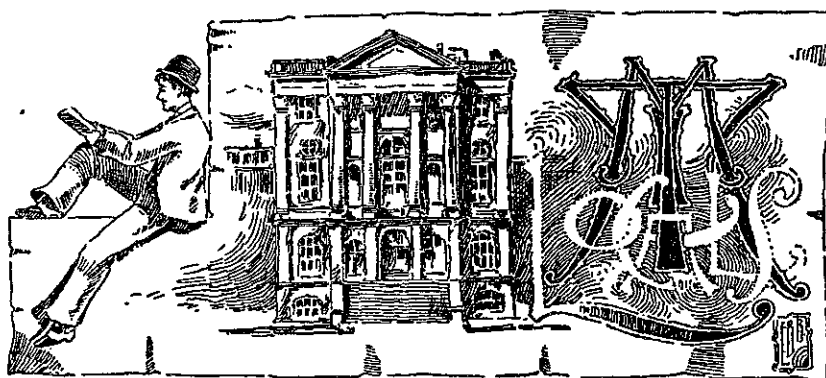
TO THE EDITORS OF THE TECH:—

Your last issue contained a note on the difficulty Tech. men find in registering. Complaints of the same nature having been made to me by students whom I afterward personally saw registered, permit me to say that the essential thing is for them to take oath that they relinquish their former residence, and deliberately and fully accept a residence in this city. Questions as to who pays their bills or where they purpose residing after completing their studies are irrelevant and impertinent, save as they tend to bring out this fact, and are, I fear, sometimes put with the express object of taking advantage of their ignorance of the law. I trust no Tech. man who resided in this city the first of last May and is otherwise qualified to vote will permit himself to be "bluffed." Any assistance he may ask will be cheerfully furnished at the Republican State headquarters, No. 2-A Beacon Street, a few doors below the Registrar of Voters, at No. 12 Beacon, where registration is open until October 25th. Now is the time to s—— register!

Very truly,

BENJ. C. LANE, '87.

Republican Headquarters, Ward 17.



A few former members of '95 have left Tech. and entered Cornell.

Don't be too hard on the Freshman; he knows much that you have forgotten.

Manley and Shepherd of last year's class are playing football on the West Roxbury team.

The Junior Civils are surveying for the location of a railroad from Crescent Beach to Woodlawn Cemetery.

Horace Burrough, '93, has been in the city on business for the past week. He refereed the Holy Cross game.

She: "What does a 'dry smoke' mean?"

H—we, '96 (always ready to inform): "O, merely a smoke without anything to drink."

The Civil Engineering Society is beginning to plan its work for the year. The first meeting will probably be held on Thursday evening the 20th.

For the instruction of many who have asked, and to whom many things are yet unfamiliar, we will say that there is no charge for water in the lunch room.

A Freshman unfeelingly remarked that Tech. should station an organ grinder near the lunch room, in order to assist the fellows by sympathetic motion.

First Soph.: "What locus were you trying to run in Analyt. yesterday?"

Second Soph.: "What fellow do you mean?"

"Are you the man that has those \$14.30 mechanical drawing instruments for sale?" was the salute Professor Faunce received at the end of the first Freshman lecture.

First Soph. : "What a crusty fellow Taylor is."

Second Soph. : "Yes ; but no wonder, since he's always on a loaf."

All of the Freshmen who have not bought \$25 worth of books this year had better make application to the secretary for a scholarship. It will be expensive to see them through.

The ignorant Sophs. in Course I. soon found out what "Top. Drawing" meant on the schedule after they had wearily dragged themselves up the 114 steps to 51 Engineering.

Mr. B— : "Mein Bruder hat heuter einen Stock verloren und einen Ring gefunden——" Translate, please."

Soph. (confidently) : "My brother has lost to-day a sock and found a garter."

Mr. Bernard : "Study carefully for the next lesson 's'asseoir' and 'boire.' I want you to become very familiar with these." Hilarious Freshman laughter, which it is unnecessary to say was not understood by the instructor.

Sophomore in the lunch room : "There's no butter."

Mrs. King : "Butter flies a day like this."

Sophomore (tentatively) : "No co-coons about."

Our readers will please not trouble about the entomology of this joke, and suggestions that colored waiters might be an improvement, in one respect, are also uncalled for. "Live and let live."

Beers, '96, was elected Captain of the Freshman Football Team, but resigned for lack of the time necessary to do justice to the position. Newell is Captain of '95's team, as Thomas is occupied with the 'Varsity.

Some *few* '93 men have decided already to "quit the game," and are arranging tabular views which include "heat"; we might add that '94 had better begin and work on this subject. It flunks more men than any other study in the Junior year.

The Republican parade is coming about the last of October or first of November! Every Tech. man, of whatever party, should lay aside a dollar or two for a uniform. You will never regret this money expended on the fun of a lifetime. March, all of you, and let people know Tech is stirring!

Look out, Sophomores, or '96 will carry off the honors this year! The Freshmen have athletes among them of no mean order, and ought to put up a strong football team. Not much is known about their baseball material, but some of their track athletes will be heard from in a way to surprise people. As for class spirit, '96 has started out well, and ought to stick to their cane in close order. Wait, and see.

The Lounger's "warranted-to-tick" clock seems to be out on tick those mornings when it greets us at 9 A. M. with the score of twenty minutes to twelve. However, as soon as it becomes accustomed to the clock-like machinery of the Institute it will probably keep up to time, thus sparing itself the wrath of some sleepy Sophomore who has been dozing away the time in a sunny corner of Rogers steps.

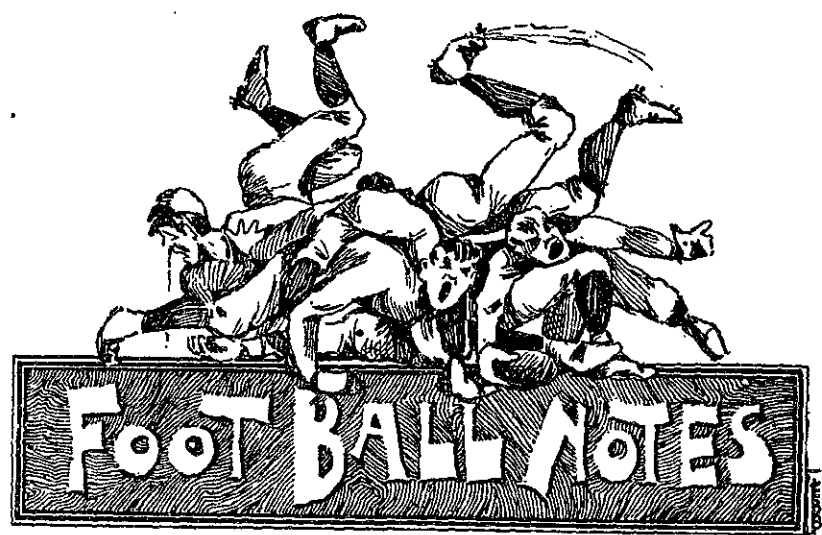
Mr. George Guppy, formerly of '93, has been heard from, from Middletown, N. Y., where he has a remunerative position on the Ontario and Western R. R. "It is only those of us" Mr. Guppy writes, referring to THE TECH, "who are struggling in the cold world for a crust of bread, who really appreciate that higher class of literature which is, I believe, to be disseminated weekly this year. I shall look forward to my TECH each week with great interest."

Saturday, October 8th, '94 managed to gather a quorum for its first class meeting of this year. After appointing a committee to draw up resolutions concerning the death of James Merlin Mead, of Chicago, who died during the summer, the "Technique" Board was empowered to engage a photographer to take

the class photograph, which will be reproduced in "Technique." If possible, this picture will be taken between October 17th and 25th. Due notice will be given in all the buildings, for the whole class must be "in it."

During a lecture on Physics by Professor Cross, the assistant arose and made a bee line for the other end of the platform, where he suddenly disappeared through a cabin-like arrangement on the floor, much to the bewilderment of the inattentive Sophs. Much speculation went on as to what the cabin might yield to inquisitive minds. It has since transpired that B—lk—p intends to bring a nickel to the next lecture, drop it in the slot, and see the show, or at least hear the band play "Mary Green."

Ninety-three held a well-attended class meeting on Saturday, October 15th, in Room 11. The following business was transacted. P. H. Thomas was elected sergeant-at-arms. F. H. Fay, Marvine Gorham, and H. W. Alden were elected on the Executive Committee. F. W. Lord, C. Taintor, and H. W. Stanwood were elected on the Athletic Committee. Mr. Richmond made a few statements in regard to the appointments of the captains for the parade, which were made by the Republican Club. These nominations of Mr. Johnson and Mr. James were indorsed. Mr. James made a motion that two men from each course be appointed to get the names of all who would parade. Mr. Bemis announced that a friend of the class had given \$25 for use in the parade. A committee of three was appointed to make use of this money. A motion was made to tender the regards of the class, through its president, to Mr. Fred. P. Emery, its former instructor. It was decided that the two companies elect their own sub-officers after the companies were formed. The subject of registration was discussed, and many ideas were aired as to the best method of registering. Then the meeting adjourned.



RESULTS OF SATURDAY'S GAMES (OCTOBER 8TH).

Tech., 42; Holy Cross, 0. Harvard, 26; Amherst, 0. Princeton, 40; Lafayette, 0. Tufts, 24; Phillips Andover, 0. Yale, 28; Crescent A. A., 0. B. A. A., 16; Phillips Exeter, 0.

RESULTS OF SATURDAY'S GAMES (OCTOBER 15TH).

Amherst, 14; Tech., 0. Harvard, 55; Williams, 0. Yale, 22; M. A. C., 0. B. A. A., 30; Dartmouth, 8.

It has been a long and weary time since we were last able to speak as confidently of our 'Varsity eleven as its excellent work thus early in the season enables us to speak now. We are certainly justified in predictions that we have hardly dared to make in several years. It seems as though the old problem of drawing out material had been solved at last, as a glance at the make-up of the present team goes to prove. Men who make the best sort of material have come forward, and the eleven now plays with nealy all of the "snap" and clearheadedness that characterized Tech's work in the old championship days.

For this, great credit is due to the conscientious, earnest and thoroughly competent work of Captain Thomas; both as captain and quarter back, it would be hard to find a better man—we would say impossible. Indeed, behind the line our team is as strong as we could wish it. Dearborn is doing the best sort of tackling, and does almost as well with the ball, while Rockwell is a most valuable addition as a runner. He loses no time in getting started, and can be depended upon for excellent work around the ends. These two and Simonds form as good material as we can

wish. Andrews is playing better than ever in his position at full back, and we can hardly say more. His record in punting is an enviable one; at the time of writing he has kicked all of nine goals tried for, while also doing excellent work down the field.

It is only in the rush line that improvement can be suggested, and that, again, only in the ends. They get through in good style, but are weak in holding. It seems to us that Vorce is just the man needed for this place; with Wardner and himself to finish out the line, we would be confident of the improvement necessary. Johnson's work at right tackle could not be improved upon. Mayo comes from Exeter with a fine record, and should easily make the best man for tackle. Taintor, Harvey, whom we trust will speedily win a place on the team, Dana and Gilman, are a splendid list to choose from. For a new man, Dana is certainly showing up wonderfully well. Manahan makes the best center Tech has had for a long time,—heavy, and quick at snapping back the ball at the same time. Nash shows improvement, and is a good substitute, while more work on Clapp's part would easily win him a valuable position.

Viewing the eleven as a whole, a marked improvement is very apparent in blocking off and interference generally; indeed, the team work is of a very high order of merit. It certainly seems justifiable to feel that the reaction has set in, and that we are about to regain our old position. All of which emphasizes the necessity of *support*. The team is certainly doing its share of work; let the rest of us do ours, and do it as well.

TECH., 42; HOLY CROSS, 0.

OUR football team made an excellent beginning by beating Holy Cross, 42-0, last Saturday, on "Clover Field." The blocking off was good, as was the work of the backs in running with the ball. There was good team work right through, and although Holy Cross was much heavier, Tech. played all around them. Dearborn, Johnson, and Ward-

ner each scored two touchdowns, and Andrews one. Andrews kicked well, getting all of seven goals tried for. About eight hundred spectators lined the field, among them a good average of Tech. men.

The game was called at 4.15. The teams lined up as follows: Tech.—rushers, Greene, Johnson, Gilman, Manahan, Dana, Wardner, Thomas; quarter back, Thomas, J. W.; half backs, Rockwell, Dearborn; full back, Andrews. Holy Cross—rushers, Austin, Sullivan, Colburt, Jordan, Flinn, Dolan, Dixon; quarter back, McKone; half backs, Gilligan, Cottrell; full back, Hogan.

Tech. started with the ball, tried the V, and made no gain. Johnson then gained fifteen yards, which Rockwell failed to increase. On the third down the revolving V was tried, and five yards gained. In a series of rushes by Andrews, Johnson, and Rockwell, the ball was carried to the Holy Cross 5-yard line, whence Dearborn scored the first touchdown, at 4.20. Andrews kicked the goal. Score, 6-0.

Holy Cross failed to gain on the V. Cottrell then made four yards, when the ball was lost on a fumble. Rockwell made fifteen yards for Tech., and Johnson five. The ball was then given to Andrews, who made ten yards, assisted by Dearborn's fine blocking. Five yards was made on the revolving V. Wardner gained eight, and Andrews five more; and Johnson carried the ball fifteen yards and across the line for the second touchdown, at 4.27. Andrews kicked the goal. Score, 12-0.

Holy Cross failed to gain in three downs, and the ball went to Tech. Rockwell made three yards, and Andrews kicked to Holy Cross' 25-yard line. Holy Cross was given twenty-five yards on a foul tackle. Rockwell then went down the field for a gain of fifteen yards. Johnson followed with twenty more, and Wardner increased that by ten. No gain was made on the revolving V; but Rockwell took ten yards from Holy Cross, and Dear-

born made the third touchdown, from which Andrews kicked the goal. Score, 18-0.

Holy Cross made five yards on the V. Rockwell then made a fine run for thirty yards, which Johnson increased by five. Tech. took four yards more, and Wardner, from the 25-yard line, then carried the ball across for the fourth touchdown. Goal by Andrews. Score, 24-0.

Holy Cross made five yards, and then lost three. Tech. secured the ball on four downs, Andrews was downed before he could gain, and time was called.

Second half.—Abbott took Greene's place at right end. Holy Cross lost the ball after making three yards; Rockwell then gained twenty yards, Johnson three, and Andrews thirty-five more for a touchdown, kicking the goal. Score, 30-0.

Holy Cross gained four yards, then lost the ball to Tech. Andrews kicked, put the men on side, and Tech. scored the next touchdown, Andrews kicking the goal. Score, 36-0.

Holy Cross made six yards in three trials, then lost the ball to Tech. Rockwell made five yards, Andrews kicked, and Wardner made a touchdown. Goal. Score, 42-0.

Holy Cross made three yards, and time was called at 5.35, with the ball in the center of the field.

Mr. Horace Burrough, of Johns Hopkins, refereed, and Mr. T. F. Devine, of Holy Cross, umpired.

Tech. never lost the ball after once getting it until the touchdown was made.

Andrews kicked every goal that was tried for.

Technology, 12; B. A. A., 0.

B. A. A. beef was no match for Technology science at the South End grounds last Wednesday. It was perfect football weather, and about two hundred Tech. men turned out to cheer the team to victory. The teams lined up as follows, B. A. A. having the ball:—

Tech.—rushers, Nash (Abbott), Wardner, Gilman, Manahan, Taintor, Johnson, P. H. Thomas; quarter back, J. W. Thomas (Capt.); half backs, Dearborn, Rockwell; full back, Andrews. B. A. A.—rushers, Prest, Lanning, Ware, Noyes, Whitman, Waters (Capt.), Batchelder; quarter back, Beals; half backs, Peters, Anthony; full back, McNear.

B. A. A. made ten yards on the V, Waters got four yards and Peters five, but Tech. took the ball after two downs on off-side play. Dearborn ran around the left end for twenty yards, and gains rapidly followed; five yards by Thomas through the center, five by Andrews, ten by Johnson, and twenty by Wardner in a pretty run around the end. Fine interference and blocking characterized Tech.'s play, and B. A. A. was clearly outclassed. The ball was now on the 15-yard line, and Rockwell ran round the end for a touchdown. Andrews kicked the goal. Tech., 6; B. A. A., 0.

B. A. A. made eight yards on the V, and successive small gains; but the players fumbled badly and could not get through, Tech. obtaining the ball on the 25-yard line. Rockwell made a pretty play, taking the ball over Dearborn's shoulder after the latter had fumbled it, and making ten yards. The ball was now worked up the field to the 35-yard line, where Tech. lost it on a false decision of the referee. A foul tackle made it Tech.'s ball again, and Rockwell made thirty yards round the end, bringing the ball to the 5-yard line, where it remained until time was called.

Tech. started off in the second half with five yards on the V, and a rush by Dearborn for five more. Andrews fumbled, and the ball went to B. A. A. Tech. held well and got it again on four downs, and Simonds, Thomas, and Dearborn carried it down the field. A forward pass gave B. A. A. a chance, and the ball worked up field again to the 40-yard line, where Tech. held for four downs. Johnson made five yards, and Andrews made a beautiful run around right end

for twenty-five, being finally tackled by Beals. A center gain of five yards followed, and then Andrews went through for the second touchdown. Tech., 12; B. A. A., 0.

From this on the play was about even, and the ball was in the middle of the field when time was called. Noticeable features were the interference and blocking of Dearborn, J. W. Thomas, and Andrews for Tech; and the all-round play of Beals for B. A. A. The team showed up strong in science and team work, the ends alone being weak.

Horace Burrough umpired, and W. H. Merrill, B. A. A., was the referee. The halves were twenty minutes in duration.

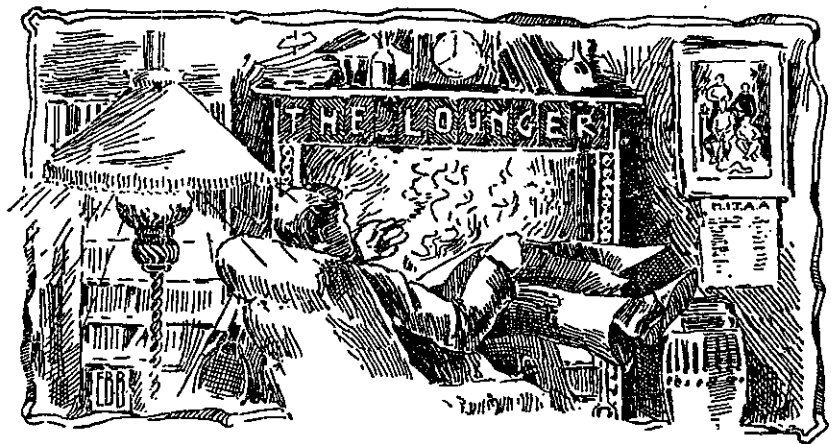
SCATTERED LOGALS.

First Junior (in Applied Mechanics): "Is that dull roar that sounds so monotonously above, the moaning of the distant sea?"

Second Junior: "Nay; 'tis but the Seniors listening to Professor L-nz's lecture."

The '93 Course X. men will begin thesis work in about three weeks. The majority chose their subjects the latter part of last year.

A meeting of the Athletic Club was held Thursday last, at 1 P. M., to take action on the resignation of Treasurer Payne. His resignation was read and accepted, and C. E. Buchholz, '93, elected in his place. B. Hurd was elected on the Executive Committee to represent '96. It was decided that there shall be no outdoor open handicap meeting of the Athletic Club this fall, because there is not sufficient promise for its success. The meeting held last fall on the South End grounds although successful athletically, was not so financially, and the Executive Committee do not feel in position to lose any more money at present. The other meetings will be held as usual, the time, events, etc., to be announced later.



THE Lounger, whilst reading a few of the wittiest things in that old contemporary, *Life*, quite recently, found a mere scrap of an editorial which conveyed many and varied ideas to him. It was only a short paragraph, written with the intent to be funny and bright, and to appeal to the minds of all of *Life's* readers. It simply stated that summer was past, and that the cheerful yawp of the undergraduate would be heard once more in the land. Now, the Lounger does not like the word yawp, and thinks they should have found a much more suitable word; it is not good form to characterize all that is good, noble, and true, in such a vulgar way. This squib goes on to enumerate the different phases of college scandals,—which the subject of the sketch will figure in a little later,—and eulogizes the ardor with which we, the undergraduates, were in the habit of picking away at the chestnut of life.

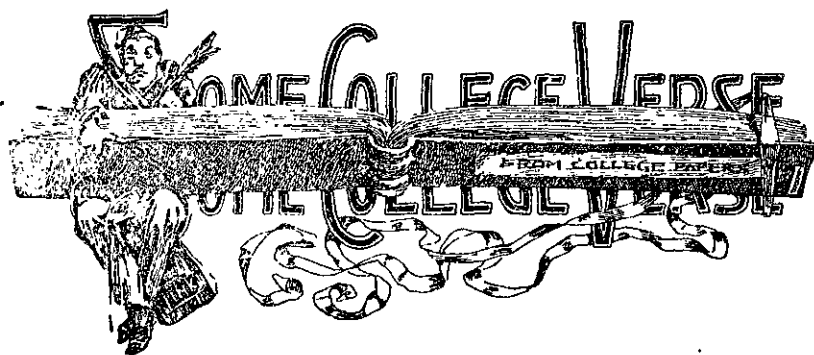
What was written was not particularly well written, nor were the ideas entirely new, but somehow it all made a deep impression on the Lounger, hardly sufficient, perhaps, as a topic on which to write, yet deep enough to call forth his views and suggestions.

Yes; what was said was true. *We* live now; and for the next ten months to come we shall be the men who are read and talked about. Our matches and races now come in for their full share of praise; our faults and failings are bemoaned and deplored, and criticism is not in any case withheld. And, after all, what side of us is most prominently before the public? Not the best side of our lives is written about and read all over the United States. We don't ever figure as young philanthropists, nor are our many meritorious actions and deeds heard from, except in an occasional line in some of the out-of-the-way corners of a newspaper and in the Lounger column. The illustrated papers of to-day do not take any pains, or spend any money, on the men who make names at our colleges as students and thinkers; it would not take with the outside world.

"If this is the condition of things, then where do the Institute men stand in the outside world?" is the question that is asked by all. The Lounger thinks he knows, and perhaps more than one of his readers are on the right track. We have our position among the proper class of men, and we are recognized, every one of us who has done his duty, as "a man among men."

The popularity of college athletes may be very well in its way, but people do not consider what becomes of these men of so much college fame, in their business careers and their later walks in life. It is needless to dwell upon the disappointments and failures some of them have made; examples of this are familiar to all of us. It all goes to prove that at such colleges and institutions as ours, where less time is given to athletics and more to study, the men who are turned away from our doors are better able to make a more decided and successful stand in life (not comic *Life*).

"Moderation in all things," is one of the best rules that the Lounger can recommend to the Institute men. Who knows the tendencies more than himself. When for six evenings in the week he has dropped into his old armchair and tried to think. He never got any further than that. Then he would spend his next week in thinking what he ought to have thought about the week before, when he only thought he was thinking. A condition of affairs like this is truly awful, and yet how many of us experience such trials. We do not follow this old maxim. We are too willing to go into things too deeply. First, we imagine we are grinds, then we like to think we are athletes, and firmly believe athletes were born, not made (quietly banking on our chances for the general merit cup). Later we get the society bee in our alpine hats (women wear them), and we are mental, physical, and, I might add, intellectual wrecks inside of a few weeks. But saddest of all is that man who thinks he is a sport. Ah me! The Lounger is grieved to admit he has seen now and then a case of misplaced confidence in one's self. (This invariably occurred after some of our numerous dinners.) The Lounger pities a man when he has no more self-confidence than to hesitate where to put his foot down next. He will never have sufficient confidence to bluff the Faculty for a degree. And what do all these stages of a Tech. man, which Shakespeare speaks of so admirably (no space to give exact quotation), bring us to? We all know, and who so well as the sport? The Lounger's advice is that every one who wants to try the different phases of Tech. life should start first with the sport, then society, athletics, and finally a grind; this will give "better results."



FACULTY RULES.

A Prex should be fat and fair,
With not much hair,

• And an air

That seems to say through the long, long day,
"I know much more than you think I do,"
And he needs to, too.

A suitable Dean should be lean,
And lanky and grim,
With an air about him

Which says, "Young Freshmen, you'd better beware
Of my gruesome lair,
After Saturday toots,"

And he is, you may bet your boots.

But a Prof. may be what he pleases,
With a fierce moustache,
Or a look as if hash

On boarding-house tables had been his fare:
But he needs an air

Of knowing much more than he really knows,
And that goes.

—*Lampoon.*

"I used to cwease my trousers,
And I got quite used to that;
But now, baw jove," said Cholly,
"I have to cwease my hat."

—*Yale Record.*

WASTEFUL.

A quiz had been given an hour before
On "Waste," to the Pol. Econ. class;
The digs got an "Ex" (for they're up on such lore);
But one who was not, didn't pass.

He bitterly laughed, and his grim eyes shone,
That he such a fool could still be,
When he was acquainted with Polly Conn,
And knew what, well!—"waist" meant,—see?

—*Brunonian.*

WELLESLEY DEMOCRACY.

"Why waste your time on him?" I said;
"The man is silly, stupid, flat."
Rebelliously she shook her head,
"A man's a man for a' that."

—*Wellesley Prelude.*

?

All ye who such puzzles enjoy,
Explain to me this, if you can,—
Why the men call each other "My boy,"
While the boys call each other "Old man."

H. A. R.



Negligee Shirts,
Fishing and Rowing Shirts,
Gymnasium Suits,
Sweaters,
Towels and Wraps.

Flannels, Oxfords, Cheviots, Madras, and
Pure Silk Shirtings.

At NOYES BROS.

Samples and Self-measurements sent on application.

NOYES BROS.,

Washington and Summer Streets, - - - Boston, Mass., U. S. A.

GLOVES,

Made to our special order.

The New GOLD TAN.

The Famous London Tan at \$1.35,
Fownes' New Craven Tan,
Fownes' New Cavendish Tan,
Fownes' Best Cheverette.

**COACHMEN'S GLOVES, LONDON MADE,
At NOYES BROS.**

New Cravats

For Gentlemen.

English Long Scarfs.

The London Puff.

The New Ascot.

The Derby.

SHIRTS for Business Wear, for Outing,
Negligee, for Traveling, for Dress Occasions,
most thoroughly made, and always in stock for immediate use.

LADIES' and MEN'S ULSTERS, for Storm, for
Street, for Traveling. With rubber or without.

BLANKET WRAPS

For the Study,

For the Sick Room,

For the Bath,

For Steamer Traveling,

For the Railway Carriage.

\$2.75 to \$35.00

**Blazers,
Sweaters,
Tennis Suits,**



And Clothing of all kinds,

CLEANSED OR DYED

and carefully pressed.

ALSO A

FINE FRENCH LAUNDRY DEPARTMENT.

LEWANDO'S

French Dyeing and Cleansing Establishment,

17 Temple Place, BOSTON.

365 5th Avenue, - - NEW YORK.

Bundles called for and delivered.

St. Botolph Hall.

NEW TECH. DORMITORY.

Favorably situated at the corner of St. Botolph
and Harcourt Streets, near all the Departments
of the Massachusetts Institute of Technology.

Furnished Suites

To let, including heat and baths.

Restaurant

In Building.

For terms apply on the premises.

GODFREY MORSE,
PROPRIETOR.

F. L. DUNNE, TAILOR AND IMPORTER.

NEW LOCATION.

Transcript Building, 328 Washington St., cor. Milk St.

BOSTON.

SHOES

To be entirely Satisfying should have EASE,
Good STYLE and DURABILITY.

This trio of Essentials are possessed
by the



FINE SHOES,

And we respectfully request Ladies and Gentlemen intending to purchase to allow us the privilege of trying on a pair; to see and feel this Shoe upon the foot, is to make a customer.

POPULAR PRICES

HATHAWAY, SOULE & HARRINGTON (Incorporated).

35 BOYLSTON STREET, Between Washington and Tremont Streets, BOSTON.

T. E. LOVEJOY, Manager.

You can save fully *25 per cent* by purchasing your Fall Suit and Fall Oversack from

LEOPOLD MORSE & CO.,

Cor. Washington and Brattle Streets.

We manufacture all our clothing, and have exclusive patterns in over one hundred styles especially adapted for young men.

AN INSPECTION OF OUR LARGE STOCK IS SOLICITED.

L. E. FLETCHER & CO.

HATTERS AND MEN'S OUTFITTERS.

Hats in Leading and Correct Styles for Young Men.

. Novelties in Neckwear, Gloves, Hosiery, and Underwear.

CANES, UMBRELLAS, Etc.

158 BOYLSTON STREET (opp. Common), BOSTON.

❖ ❖ **Specialties** ❖ ❖

Coat Shirts.—Open front all the way down, business and dress, \$1.50 and \$2.00.

Cheviot Shirts.—With high turn-down collars in new colorings.

Walking Gloves.—"Russian Kassan," \$1.50, very desirable. English Gloves in large variety.

Umbrellas.—The "Langwood" close folding, \$6 (smallest made).

High Class Neck Dress.—In new shapes and designs. "Monte Carlo" the combined Four in-hand and Ascot is decidedly new.

Collars.—Latest "Copley Square" and "Lord Kennard."

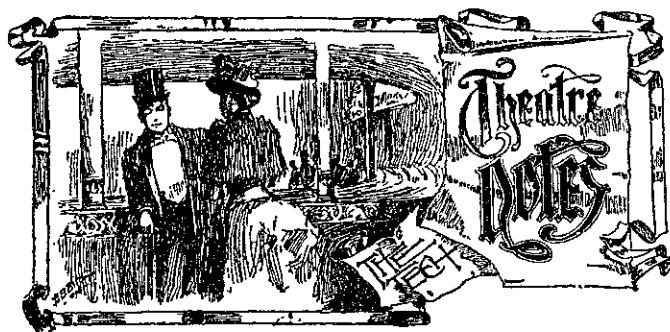
Underwear.—Jaros Hygienic (best made) non-shrinkable, non-irritating. Sweaters and Bowel Bands of the same. Balbriggan underwear in close-fitting, \$1.50 and \$2.

Full Dress Wear.—In the latest fashion.

RAY, Men's Furnisher,

509 Washington, cor. West Street, 641 Washington, cor. Boylston Street, BOSTON, MASS.

BOSTON THEATRE.—
Monday, October 24th,
last week of Denman
Thompson in "The Old
Homestead." Evenings at
8; matinees at 2.



COLUMBIA THEATRE.
Monday, Oct. 24th, Charles
Frohman's comedians in
"The Sportsman." Even-
ings at 8; matinees at 2.

HOLLIS ST. THEATRE.—Monday, October 24th, Daniel Frohman's N. Y. Lyceum Company in "Squire Kate." Evenings at 7.45; matinees at 2.

BOWDOIN SQUARE THEATRE.—Monday, October 24th, Lewis Morrison in "Faust." Evenings at 8; matinees at 2.

BOSTON MUSEUM.—Monday, October 24th, eighth week of "Agatha." Evenings at 8; matinees at 2.

GLOBE THEATRE.—Monday, October 24th, The Digby Bell Opera Company in "Jupiter." Evenings at 8; matinees at 2.

TREMONT THEATRE.—Monday, October 24th, Henry Mapleson Opera Company. Evenings at 8; matinees at 2.

CO-OPERATIVE TAILORS

TO NEARLY ALL THE SCHOOLS AND COLLEGES.

FRANK D. SOMERS,

No. 5 Park St., Boston.

Special designs in Woolens for Student trade. We do the largest Student trade of any fine tailoring firm in the country.

A. N. COOK & CO.,

IMPORTERS, MANUFACTURERS, JOBBERS AND DEALERS IN

FINE HATS AND FINE FURS,**377 and 379 Washington Street, opp. Franklin Street, Boston, Mass.****WE AIM FOR THE FINEST AND BEST. NEW AND CORRECT STYLES.**

Seal skin garments to order, tailor measure, fit guaranteed. Furs received on storage, insured against moths and fire.

**The Photographer***Hastings*Is now located at his **New Studio**, with Reception Room and Atelier only one
Flight from the Street,

146 TREMONT STREET, OVER HUYLER'S, BOSTON, MASS.

Awarded the Grand Prize by the Photographers' Association of America, at
Washington, D. C., 1890.

TELEPHONE CONNECTION.

O. F. Conly
Photographer

465 WASHINGTON ST., BOSTON

CLASS WORK A SPECIALTY.

All sittings made by the proprietor.

GENTLEMEN!I wish to call your attention to the fact that I am
paying the highest Cash Prices for Cast-off
Clothing. Also **Cleaning** and **Repairing**
done at short notice. Send postal to**M. KEEZER,**

613 Shawmut Ave., Boston, Mass.

COPLEY SQ. HOTEL,Huntington Avenue ^{AND} Exeter Street.

AMERICAN AND EUROPEAN PLANS.

Cafe open from 7 A. M. to 12 P. M.

F. S. RISTEEN & CO.

YOUNG'S HOTEL, BOSTON.

J. R. WHIPPLE & CO.

J. R. WHIPPLE.

R. F. FORD.

J. B. WHIPPLE.

C. I. LINDSAY.

W. H. LAPOINTE.

C. M. HART.

PARKER HOUSE, BOSTON.

J. R. WHIPPLE & CO.

J. R. WHIPPLE.

R. F. FORD.

J. B. WHIPPLE.

C. I. LINDSAY.

W. H. LAPOINTE.

C. M. HART.

ARCHITECTURAL AND ART PHOTOGRAPHS,

For Students' use and for Room Decoration.

Special rates to Members of the M. I. T. Co-operative.

PHOTOGRAPH MOUNTING AND FRAMING.

SOULE PHOTOGRAPH CO., 338 WASHINGTON STREET,
BOSTON, MASS.

Notebooks,

Drawing Materials, Text-Books,
and High Grades of Writing Papers.

C. E. RIDLER, Stationer and Engraver,

Boylston Street, cor. Berkeley, Boston.

Scientific Books

DAMRELL & UPHAM,
The Old Corner Bookstore,
233 Washington St., Boston.

GRAND HOTEL,

J. A. REYNOLDS & CO.
Proprietors.

EUROPEAN PLAN.

PRIVATE SUPPER AND CLUB ROOMS.

Richly appointed Dining
Room for Ladies and Gentle-
men.

Cuisine excellent.

Cafe and Billiard Hall recently refitted
and furnished.



TURKISH BATHS

*A specialty with this Hotel. The su-
perior accommodations and service
is acknowledged by all patrons.*

HOURS FOR BATHERS.

Ladies, 8 A. M. to 1 P. M., except Sunday; Sun-
day from 1 to 5 P. M.; Thursday, 8 A. M. to
5 P. M.

Gentlemen, 1 to 9 P. M., except Thursday and
Sunday; Thursday, from 6 to 10 P. M.; Sunday,
from 8 A. M. to 12 M.

Frank Wood, Printer,

352 Washington Street, Boston.

STUDENTS, TRAVELING,
BUSINESS,
and PROFESSIONAL MEN
Insure in the Atlas.

THE ATLAS ACCIDENT INSURANCE COMPANY,

OF BOSTON, MASS.

186 Devonshire Street, Boston, Mass.

Preferred
While traveling by Steam, Electricity or Cable,

Death by Accident.	Permanent Total Disability.	Loss of Both Eyes, Hands, or Feet.	Loss of Right Hand or either Foot.	Loss of Left Hand	Loss of One Eye.	Weekly In- demnity will be paid for 52 Weeks.
\$5,000	\$2,500	\$5,000	\$2,500	\$1,250	\$650	\$25
5,000	2,500	5,000	2,500	2,500	1,000	50

HENRY E. TURNER, Pres. HUGH BROWNE, Sec. and Gen. Mgr. THOS. M. EVERETT, Supt. Agencies.

Any information in regard to Atlas Policies may be had of the Manager of Tech.

DAME, STODDARD & KENDALL,

We have a Complete Line of

Football Goods, and General Athletic Supplies,Also **CUTLERY, FISHING TACKLE, SKATES, and HAND CAMERAS.**New England Agents for **The Elliptic Wheel**, as ridden by Johnson, time 1.56 3-5.**DAME, STODDARD & KENDALL,****374 WASHINGTON STREET, - - BOSTON, MASS.****THE
BRUNSWICK***(American Plan.)*

NEAR THE

Museum of Fine Arts,
New Old South, Trin-
ity (Phillips Brooks's)
Church, and OPPO-
SITE INSTITUTE of
TECHNOLOGY.

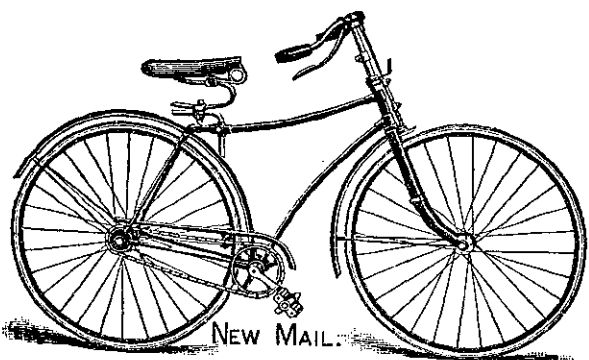
BOSTON'S

Grandest Hotel**BARNES & DUNKLEE**

Proprietors.

**THE
VICTORIA.***(Nearest European Plan
Hotel to M. I. T.)*In the Centre of Bos-
ton's Fashionable
District,
THE BACK BAY.Opened November,
1886, and within one
week, the *Traveller*
said, "It has established
itself as the Delmonico
of Boston."**BOSTON****FOREIGN BOOKSTORE.****CARL SCHOENHOF,**

144 Tremont St., Boston, Mass.

Liberal Discount to Tech. Students,
Especially on Works imported to order.**STUDENTS'**Note-Books, Paper, Envelopes, Stylo. Pens, and
Fairchilds and Franklin Pens, etc.**H. H. CARTER & Co., 3 Beacon St.****"CO-OPERATIVE STORE."****NEW MAIL.****CUSHION TIRES, \$100.****PNEUMATICS, \$120.**

ALL DROP FORGINGS.

INTERCHANGEABLE PARTS.

Also, \$135 and \$150 GRADES; LADIES' \$100 and BOYS' \$35.**HANDSOMEST AND BEST WHEELS.****SECONDHAND WHEELS ALWAYS ON HAND.****GET CATALOGUE.****WM. READ & SONS, Manufacturers,****107 WASHINGTON STREET - - - - - BOSTON**



The Richmond Straight Cut No. 1 Cigarettes.

Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

The Richmond Straight Cut No. 1 Cigarettes are made from the brightest, most delicately flavored, and highest cost **Gold Leaf** grown in Virginia. This is the **Old and Original Brand of Straight Cut** Cigarettes, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

**The ALLEN & GINTER Branch of the American Tobacco Co., Manufacturers,
RICHMOND, VIRGINIA.**

I. H. FARRINGTON, —Merchant Tailor,—

411 WASHINGTON STREET, BOSTON.

Suits to order, \$30, upwards. Overcoats to order, \$30, upwards. Trousers to order, \$8, upwards. Dress Suits to Let.

J. P. BOND, GENTLEMEN'S FURNISHING GOODS.

NECKWEAR.

OUR \$1.00 OPEN FRONT AND BACK SHIRT A SPECIALTY.

Also, full line Collars, Cuffs, Underwear, Gloves, etc.

141 DARTMOUTH ST., BOSTON.

Agent Dartmouth Laundry. Work called for and delivered.

D. TOY,

TAILOR TO THE HARVARD CO-OPERATIVE.

71 BEACON STREET, BOSTON, MASS.

Opposite Public Garden.

Agent for Whitaker & Co. and Hill Bros., London, W.

Typewriters at the World's Fair.



The Remington Secures the Exclusive Contract.

The Committee of Ways and Means of the World's Columbian Exposition has awarded to Wyckoff, Seamans & Benedict (Remington Standard Typewriter) the contract for furnishing all the writing machines to be used on the Exposition grounds during the Fair. A large number will be placed at convenient points throughout all of the buildings, and are intended for the accommodation of the general public, representatives of the press, and the officers of the Exposition.—*Chicago Sunday Herald, August 7, 1892.*

WYCKOFF, SEAMANS & BENEDICT,

15 SCHOOL STREET, BOSTON.

GEO. H. GREENWOOD,

9 & 11 Boylston St.

**Direct Importer of French and English Briarwoods,
Meerschaums and Fine Smoking Mixtures.**

O. A. JENKINS & CO., COLLEGE HATTERS.

CORRECT STYLES.

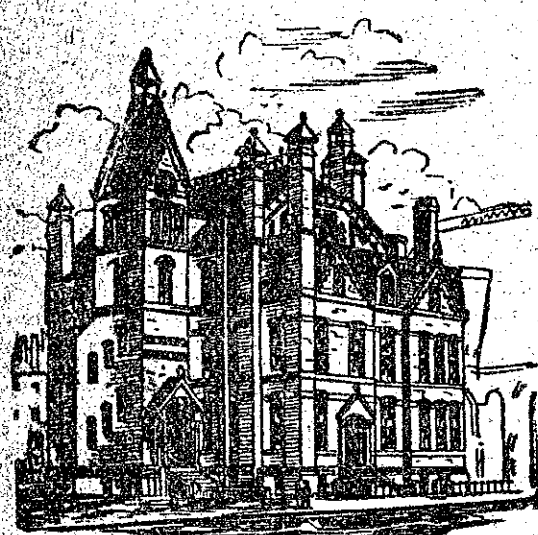
BEST QUALITY.



HEATH'S
LONDON + HATS

A well-selected line of
MACKINTOSHES
CANES and UMBRELLAS.

407 WASHINGTON STREET, BOSTON.



Preparation for the
Massachusetts Institute of Technology.

Established in 1828.

THIS HAS LONG BEEN A SPECIALTY AT

CHAUNCY HALL SCHOOL.

REFERENCE is made to the INSTITUTE FACULTY in regard to the thoroughness with which Chauncy-Hall pupils are fitted, not only for entering the Institute, but also for pursuing successfully their subsequent work. Preparation, also, for business and for college.

No. 593 Boylston Street, Boston.
(Very near the Institute.)

THE RESTAURANT IN THE

Old Colony R. R. Station, Providence Div., Park Sq.,

On the European plan, is where you can get quick and prompt attention, good food, and moderate prices, with the advantage of students' tickets, six dollars' worth for \$5.00. Open from 6 A. M. to 11.30 P. M.



Through October our Military Department is devoted to Campaign Work, Uniforms, Torches, Flags, etc.

In Custom Department we are taking orders this month for Suits at \$18.

We are Mass. headquarters for L. A. W. League Suits.

G. W. Simmons & Co., { "Oak Hall,"
32 to 44 North Street.